

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 70.28**WELDING INSPECTION REPORT****Resident Engineer:** Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-005779**Date Inspected:** 10-Mar-2009**Project Name:** SAS Superstructure**OSM Arrival Time:** 830**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1630**Contractor:** Japan Steel Works**Location:** Muroran, Japan**CWI Name:** Chung Fu Kuan**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** Tower, Jacking and Deviation Saddles**Summary of Items Observed:**

On this date 3/10/09, Caltrans OSM Quality Assurance (QA) Inspector, Mike Brcic, was present during the times noted above for observation relative to work performed in Fabrication Shop #4, on site Japan Steel Works (JSW).

W2E1 - Sits idle, awaiting Quality Control (QC) Magnetic Particle testing (MT) of final machining of surface.

W2E2 - Questionable radii of coped "weld access" through stem, both ends, are observed reworked and are acceptable. Performed Quality Assurance (QA) MT, see MT report (TL-6028) for process use and results.

W2E3 - QC (NIS) Ultrasonic Testing UT in process.

W2W1 - Idle, during walk through.

T1-1 - Stem to base plate weld in progress, reviewed weld technique (7Y-5L-1,2,3) and welder certification (Welder ID 73-4195 and 08-5169).

T1-2 - Strong backs appear finished, sitting idle.

Summary of Conversations:

No significant conversations were reported on this date.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Nina Choy, 1(510)385-5910, who represents the Office of Structural Materials for your project.

WELDING INSPECTION REPORT

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Inspected By: Brcic,Michael

Quality Assurance Inspector

Reviewed By: Lanz,Joe

QA Reviewer